

**What is claimed is;**

1. A stabilizing agent for hemoglobin characterized in incorporating sulfur containing compound
2. The stabilizing agent for hemoglobin according to claim 1, wherein characterized by stabilizing hemoglobin in a state of solution.
3. The stabilizing agent for hemoglobin according to claim 1 or 2, wherein said sulfur containing material is compound with SH group.
4. The stabilizing agent for hemoglobin according to claim 3, wherein said compound with SH group is one or more compound selected from cysteine, methionine, or sulfur containing amino acid, such as cystine or family thereof, sulfur containing compound such as thio benzoic acid, thio glycol acid, 1-thio glycerin, thiodiglycol, mercapto ethanol, gulutathione, or thioglycerol, or family thereof.
5. The stabilizing agent for hemoglobin according to claim 3, wherein said compound with SH group is cysteine or family thereof.
6. The stabilizing agent for hemoglobin according to any of claims 1 to 5, wherein said sulfur containing compound is added in an amount of 0.01 to 0.0001 parts by weight per 1 part by weight of hemoglobin.
7. The stabilizing agent for hemoglobin according to any of claims 1 to 6, wherein said hemoglobin are hemoglobin.
8. The stabilizing agent for hemoglobin according to any of claims 1 to 6, wherein said hemoglobin are glycated hemoglobin.
9. The method for stabilizing hemoglobin, wherein characterized by adding the stabilizing agent for hemoglobin according to any of claims 1 to 8.
10. A composition containing hemoglobin, characterized by incorporating the stabilizing agent according to any of claim 1 to 8.
11. A kit which comprises at least one of the stabilizing agent according to any of claims 1 to 8 and hemoglobin.
12. Use of sulfur containing compound in stabilizing agent for hemoglobin according to any of claims 1 to 8.

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B3*